

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. V200-0038	SERIAL NO.
	Morris Hsi et al.	
	FILING Concurrently Herewith	GROUP

10760 U.S. PTO
09/726076
11/29/00

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CR		Yu, Jinghong, Johnson, Frank, Iwami, Fumihito, Verrecchia Nick, Kojima, Eilchi, EXPERIMENTAL EVALUATION FOR A FLUIDBORNE NOISE ATTENUATION IN TUNING CABLES AND HOSES OF AUTOMOTIVE POWER STEERING HYDRAULIC SYSTEMS, May 17-20, 1999 Noise and Vibration Conference & Exposition, Traverse City, MI, Society of Automotive Engineers, Inc.
CR		Qatu, Mohamad S., Dougherty, Sr., Mike L., Smid, G. Edzko, EFFECTS OF TUNER PARAMETERS ON HYDRAULIC NOISE AND VIBRATION, May 17-20, 2000 Noise and Vibration Conference & Exposition, Traverse City, MI, Society of Automotive Engineers, Inc.

EXAMINER <i>Charles R. Ortiz Rodriguez</i>	DATE CONSIDERED 8/19/04
---	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. V200-0038	SERIAL NO.
	Morris Hsi et al.	
	FILING Concurrently Herewith	GROUP

10760 U.S. PTO
09/12/04
11/19/04

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CR		Hastings, Mardi C., Chen, Chuan-Chiang, PROCEEDINGS OF THE 1993 NOISE AND VIBRATION CONFERENCE, May 1993, Society of Automotive Engineers, Inc.
CR		Botti, Jean, Venizelos G., Benkaza N., OPTIMIZATION OF POWER STEERING SYSTEMS VIBRATION REDUCTION IN PASSENGER CARS, Delphi Corporation

EXAMINER <i>Charles P. Ant Rodriguez</i>	DATE CONSIDERED 8/19/04
---	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. V200-0038	SERIAL NO.
	Morris Hsi et al.	
	FILING Concurrently Herewith	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

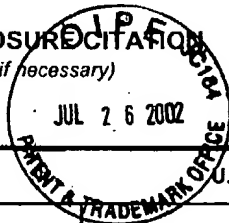
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CR		Albright, Michael F., Staffeld, Douglas F., NOISE AND VIBRATION REFRINEMENT OF THE FORD 3.8 LITER POWERTRAIN, Ford Motor Company

EXAMINER <i>Charles E. Cots</i>	DATE CONSIDERED 8/19/04
------------------------------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)



ATTY DOCKET NO.

V200-0038

SERIAL NO.

09/726,076

Applicants: Morris Hsi et al.

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CR	5,953,517	09/14/1999	Yin et al.			
CR	6,090,148	07/18/2000	Weber et al.			
CR	6,096,087	08/01/2000	Weber et al.			
CR	6,110,216	08/29/2000	Weber et al.			
CR	6,113,643	09/05/2000	Weber et al.			
CR	6,113,644	09/05/2000	Weber et al.			
CR	6,119,125	09/12/2000	Gloudeman et al.			
CR	6,209,794	04/03/2001	Webster et al.			

RECEIVED

JUL 30 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

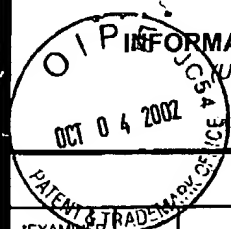
EXAMINER

Carlos R. Oros Rodriguez

DATE CONSIDERED

8/19/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

V200-0038

SERIAL NO.

09/726,076

Applicants: Morris Hsi et al.

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CR	4,882,692	11/21/1989	Saxton et al.			
CR	5,119,309	06/02/1992	Cavendish et al.			
CR	5,197,120	03/23/1993	Saxton et al.			
CR	5,293,479	03/08/1994	Quintero et al.			
CR	5,799,293	08/25/1998	Kaepf			
CR	6,090,148	07/18/2000	Weber et al.			
CR	6,096,086	08/01/2000	Weber et al.			
CR	6,096,087	08/01/2000	Weber et al.			
CR	6,110,216	08/29/2000	Weber et al.			
CR	6,113,643	09/05/2000	Weber et al.			
CR	6,113,644	09/05/2000	Weber et al.			

RECEIVED

OCT 08 2002

TC 1700

RECEIVED

OCT 08 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CR			- "Interactive Graphics Package For Human Engineering And Layout Of Vehicle Workspace", Gerald F. Rabideau and James Farnady, Department of Systems Design, University of Waterloo, Waterloo, Ontario, Canada, 1976.
			- "Simulation-Aided Design of Man/Machine Interfaces in Automated Industries", Gary I. Davis and James R. Buck, School of Industrial Engineering, Purdue University, West Lafayette, Indiana, 1981.
CR			- "RAPID: Prototyping Control Panel Interfaces", Karl Freburger, OOPSLA '87 Proceedings, October 4-8, 1987.

EXAMINER

DATE CONSIDERED

8/19/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

V200-0038

SERIAL NO.

09/726,076

Applicants: Morris Hsi et al.

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CR	6,477,518	11/05/2002	Li et al.			
CR	6,487,525	11/26/2002	Hall et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CR	1 113 373 A2	07/04/2001	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RECEIVED
FEB 24 2003
Technology Center 2100

EXAMINER

Charles A. DeRogier

DATE CONSIDERED

2/19/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

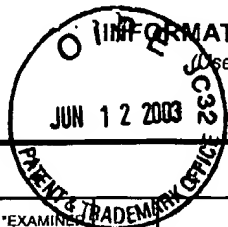
INFORMATION
 OIPF MAY 27 2000
 TRADE MARK OFFICE
 AMIN
 TIAL
 DOO

~~MAY 27 2000~~

2123

[illegible][illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

V200-0038

SERIAL NO.

09/726,076

Applicants: Morris Hsi et al.

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CL	5,754,738	05/19/1998	Saucedo et al.			
CL	5,856,828	01/05/1999	Letcher Jr.			
CL	6,021,270	02/01/2000	Hanaki et al.			
CL	6,420,698	07/16/2002	Dimsdale			
CL	6,477,517	11/05/2002	Limaem et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

RECEIVED

JUN 13 2003

Technology Center 2100

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CL		Lehner et al., "Distributed Virtual Reality: Supporting Remote Collaboration in Vehicle Design", IEEE 1997.
		Purschke et al., "Virtual Reality-New Methods for Improving and Accelerating the Development Process in Vehicle Styling and Design", IEEE 1998.

EXAMINER

Charles P. Otto Rodriguez

DATE CONSIDERED

8/19/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary)

V200-0038

09/726,076

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q		"The Introduction of Knowledge based Engineering for Design for Manufacture in the Automotive Industry", G.S. Wallace, Successful Cases of Integrated Product Design with Manufacturing Technology (Digest No: 1997/168), IEE Colloquium on, pp. 7/1 - 7/5, May 1997.
Q		"Knowledge Based Total Product Engineering", A.P. Harper, Successful Cases of Integrated Product Design with Manufacturing Technology (Digest No: 1997/168), IEE Colloquium on, pp. 5/1 - 5/2, May 1997.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY DOCKET NO.

V200-0038

SERIAL NO.

09/726,076

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicants: Morris Hsi et al.

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CR	5,631,861	05/20/1997	Kramer			
CR	5,792,031	08/11/1998	Alton			
CR	5,793,382	08/11/1998	Yerazunis et al.			
CR	5,831,584	11/03/1998	Socks et al.			
CR	5,846,086	12/08/1998	Bizzi et al.			
CR	5,921,780	07/13/1999	Myers			
CR	5,930,155	07/27/1999	Tohi et al.			
CR	5,963,891	10/05/1999	Walker et al.			
CR	6,036,345	03/14/2000	Jannette et al.			
CR	6,037,945	03/14/2000	Loveland			
CR	6,084,590	07/04/2000	Robotham et al.			

RECEIVED

NOV 03 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CR			Artificial Intelligence (Understanding Computers), by Time-Life Books, 1986, ISBN 0-8094-5675-3, pages 36-43.
			Juran on Quality by Design, by J.M. Juran, The Free Press, 1992, ISBN 0-02-916683-7, pages 406-427, and 462-467.
			The Computer Science and Engineering Handbook, by Allen B. Tucker, CRC Press, ISBN: 0-8493-2909-4, 1996, page 1954.

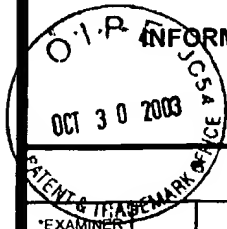
EXAMINER

Luis E. Ortiz Rodriguez

DATE CONSIDERED

8/19/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY DOCKET NO.

V200-0038

SERIAL NO.

09/726,076

Applicants: Morris Hsi et al.

FILING

November 29, 2000

GROUP

2123

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CR	6,253,167	06/26/2001	Matsuda et al.			
CR	6,273,724	08/14/2001	Roytman			
CR	2002/0000996 A1	01/03/2002	Trika			
CR	2002/0140633 A1	10/03/2002	Rafii et al.			
CR	2003/0134676 A1	07/17/2003	Kang			

RECEIVED

NOV 03 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Charles R. Davis Radigan

DATE CONSIDERED

8/19/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.